

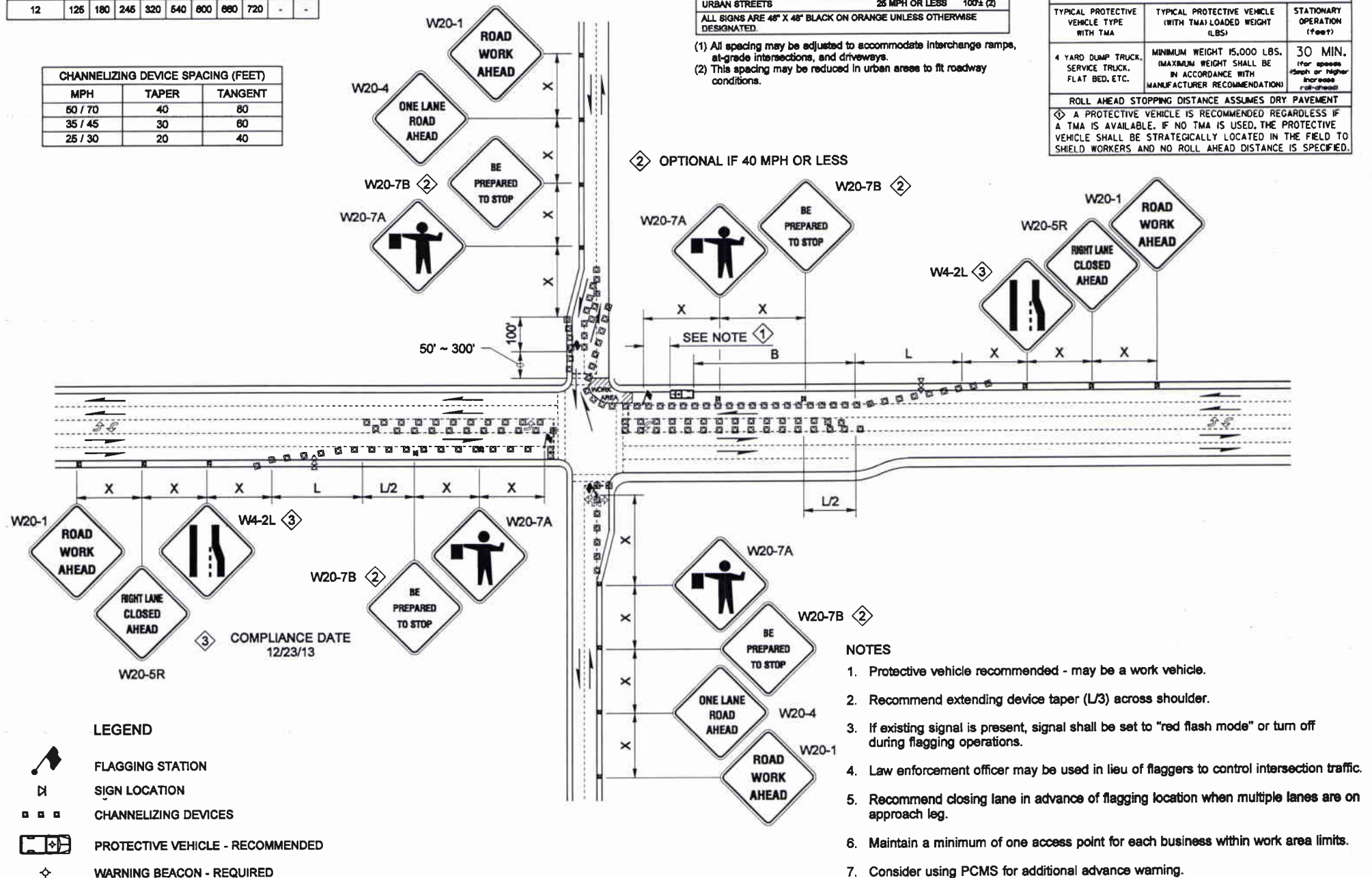
MINIMUM TAPER LENGTH = L (feet)											
Lane Width (feet)	Posted Speed (mph)										
	25	30	35	40	45	50	55	60	65	70	
10	105	150	205	270	450	500	550	-	-	-	
11	115	165	225	295	495	550	605	660	-	-	
12	125	180	245	320	540	600	660	720	-	-	

CHANNELIZING DEVICE SPACING (FEET)		
MPH	TAPER	TANGENT
50 / 70	40	80
35 / 45	30	80
25 / 30	20	40

SIGN SPACING = X (FEET) (1)		
RURAL HIGHWAYS	80/85 MPH	800±
RURAL ROADS	45/55 MPH	500±
RURAL ROADS & URBAN ARTERIALS	35/40 MPH	350±
RURAL ROADS, URBAN ARTERIALS RESIDENTIAL & BUSINESS DISTRICTS	25/30 MPH	200± (2)
URBAN STREETS	25 MPH OR LESS	100± (2)

- (1) All spacing may be adjusted to accommodate interchange ramps, at-grade intersections, and driveways.
(2) This spacing may be reduced in urban areas to fit roadway conditions.

BUFFER DATA																			
LONGITUDINAL BUFFER SPACE = B																			
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70									
LENGTH (feet)	155	200	250	305	360	425	495	570	-	-									
PROTECTIVE VEHICLE WITH TMA ROLL AHEAD DISTANCE																			
TYPICAL PROTECTIVE VEHICLE TYPE WITH TMA	TYPICAL PROTECTIVE VEHICLE (WITH TMA) LOADED WEIGHT (LBS)								STATIONARY OPERATION (feet)										
4 YARD DUMP TRUCK, SERVICE TRUCK, FLAT BED, ETC.	MINIMUM WEIGHT 15,000 LBS. (MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH MANUFACTURER RECOMMENDATION)								30 MIN. (for speeds 45 mph or higher roll-ahead)										
ROLL AHEAD STOPPING DISTANCE ASSUMES DRY PAVEMENT																			
◇ A PROTECTIVE VEHICLE IS RECOMMENDED REGARDLESS IF A TMA IS AVAILABLE. IF NO TMA IS USED, THE PROTECTIVE VEHICLE SHALL BE STRATEGICALLY LOCATED IN THE FIELD TO SHIELD WORKERS AND NO ROLL AHEAD DISTANCE IS SPECIFIED.																			



TYPICAL INTERSECTION LANE CLOSURE ~ FIVE LANE ROADWAY
TCP 28